# USGS STM SENSOR RECOVERY FORM (one form per housing)

**DATE:** _____ **STORM:** ISAAC **INSPECTORS:** CJH

Housing #

## SITE INFO

**SITE ID:** HWM-MS-HAN-021 **LAT** (DD to 6 places): _____

*(format: SSS-ST-COU-###PP; see SOP)*

**SITE NAME:** Trash line @ Coleman Ave. and S. Beach Blvd. **LONG** (DD to 6 places): _____

**STATE:** MS **COUNTY:** HANCOCK **Landowner Info: Notified** (Yes/No) **Name:** _____

## SENSOR INFORMATION

***Sensor Type (circle one):***
Hobo Troll
RDG RDW
(HWM)
Other? _____
Serial # _____

***Deployed as (circle one):***
Water level (WL)
Baro Pressure (BP)
Wave Height (WV)
(HWM)
*Other?*

***Data Interval:***
*30 sec 2 sec Other:* _____
***Sensor Deploy Time (GMT):***
_____
***Data Start Time (GMT):***
_____
***Sensor in Water (Y/N)***

**BP sensor collocated?**
*(Yes/No)*
**BP Site ID:**
_____
**USGS VI on housing?**
*(Yes/No)*

## DETERMINE WATER SURFACE

***Water Surface Reference Point (WSRP) Info***

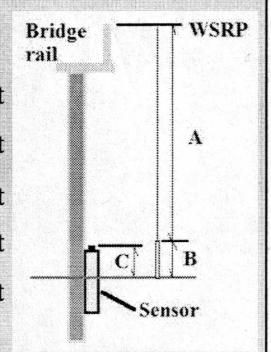
Reference Point (WSRP) # 002
WSRP elevation (feet): 10.182
Elevation Assumed? *(Yes/No)*
WSRP description:
Fair trash line located 100yds S. of Coleman Ave, on 3rd tier of Fountain in yard

***Water Surface (WS) Elev. Calculations***

TD Time: _____ GMT

WSRP elevation (WSRP): _____ feet
Tapedown (A): _____ feet
Weight length (B): _____ feet
Total TD (A + B): _____ feet
**WS = WSRP – (A + B):** _____ feet

WS conditions (circle)? Calm Choppy Wavy




## DETERMINE THE SENSOR HOUSING ELEVATION

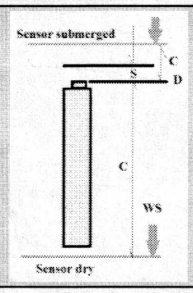
To determine the Sensor Housing Elevation using a tapeup/tapedown from the established water surface elevation above, use the box to the right.

***Choose option!***

If elevation run to 2nd RP (SHRP) above sensor. then use lower boxes.

***Sensor Housing Nut Elevation (D) from WS***

Water Surface (WS): _____ feet
Nut in water? Tape up to nut _____ feet
OR
Nut out of water? Tape down: _____ feet
**D = (WS +/- C) -S:** _____ feet

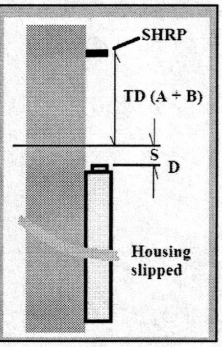



***Sensor Housing RP Info***

Reference Point (SHRP) # _____
SHRP elevation (feet): _____
Elevation Assumed? *(Yes/No)*
RP description:
_____
_____

***Sensor Housing Nut Elevation (D) from SHRP***

SHRP elevation: _____ feet
Tapedown (A): _____ feet
Weight length (B): _____ feet
Total TD (A + B): _____ feet
Subtract slippage (S): _____ feet
**D = SHRP – (A + B) - S:** _____ feet

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# USGS STM SENSOR RECOVERY FORM (page 2)

**SENSOR ORIFICE ELEVATION**

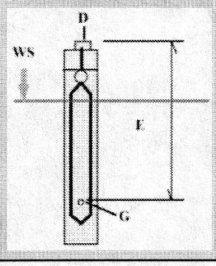
***Sensor Orifice Elevation (G = D - E)***

Housing Nut (D): _____ feet

Subtract Housing Correction Factor (E): _____ feet

Sensor Orifice Elevation (G):

_____ feet




**SENSOR HEIGHT ABOVE GROUND**

***Use if Sensor Deployed Above Ground w/ no RP Elevation (OEG=D-(H-E))***

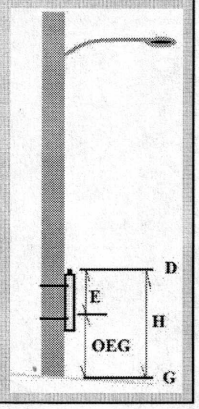
Housing Nut (D): _____ feet

TD to Ground (H): _____ feet

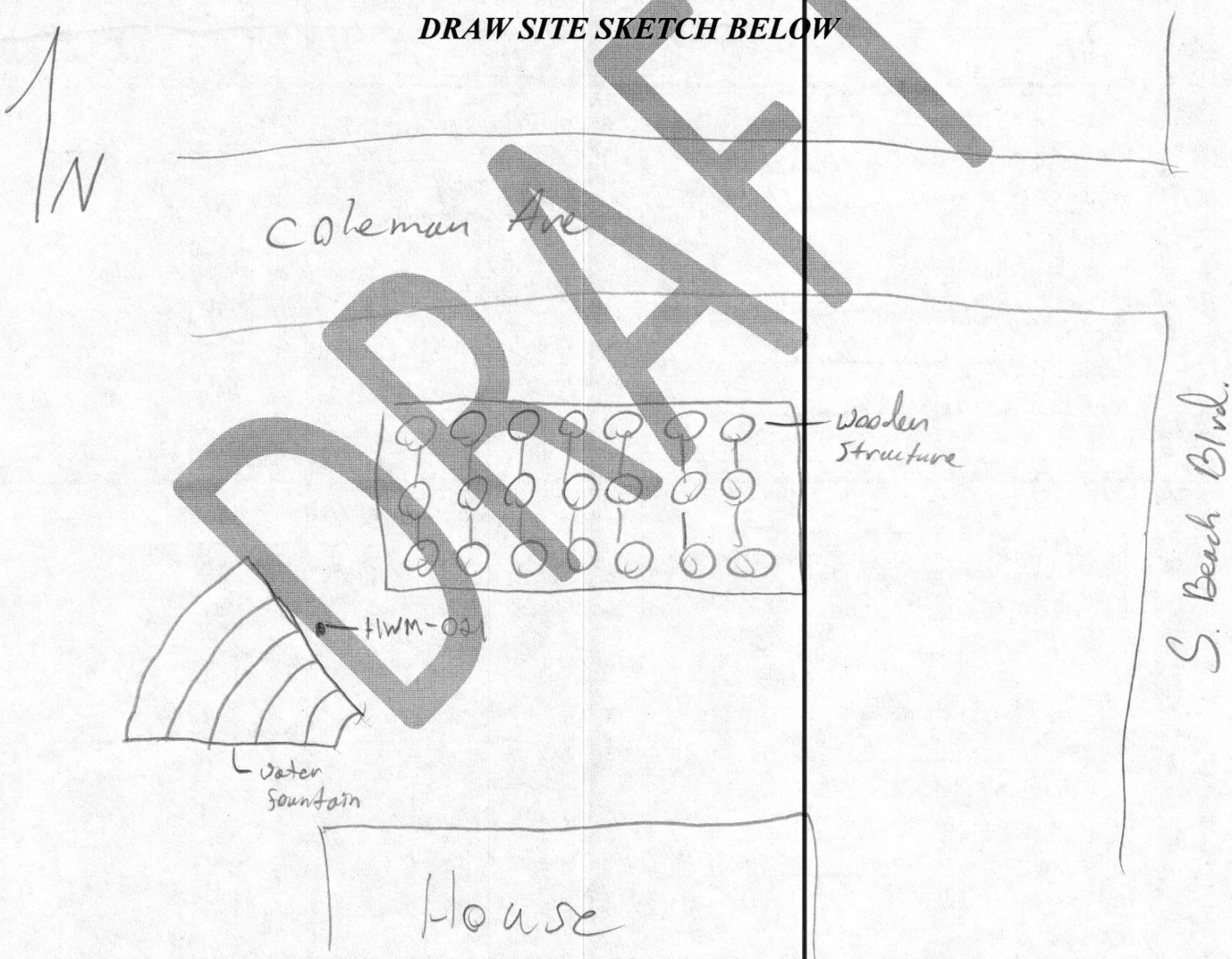
Subtract Housing Correction Factor (E): _____ feet

Data offset for Depth above Ground (OEG): _____ feet

*This is used only until RP elevation is surveyed in to get initial estimate of depth above ground surface*




***DRAW SITE SKETCH BELOW***






**CHECK IN!!**

Pictures Taken (circle all that apply): Sensor RP RM North South East West

Departure Time: _____ GMT Check-In Time: _____ GMT STM Coord. on duty: _____